

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Tomio MIMURA, et al.

SERIAL NO: New U.S. Application

FILED: Herewith

FOR: GAS-LIQUID CONTACT PLATE AND GAS-LIQUID CONTACTOR

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicants wish to make of record that all of the references listed on the attached form PTO-1449 were mention in Parent Application, Serial No. 10/032,554 filed January 2, 2002 except for Patent No. 1 569 828 which is being filed herewith and a copy is attached.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>247769US3X CONT</b>		SERIAL NO. <b>New U.S. Application</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Tomio MIMURA, et al.</b>			
				FILING DATE <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	3,466,019	09/09/69	R. PRIESTLEY			
	AB	3,158,527	11/1964	Faccin et al.			
	AG	3,321,307	10/1966	Moeller et al.			
	AD	3,733,063	05/1973	Loetel et al.			
	AE	3,830,684	08/1974	Hamon			
	AF	4,052,491	10/1977	Lefevre			
	AG	4,710,326	12/1987	Seah			
	AH	4,929,399	05/1990	Lockett et al.			
	AI	4,950,430	08/1990	Chen			
	AJ	5,063,000	11/1991	Mix			
	AK	5,407,607	04/1995	Mix			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AM	52-88581	07/25/77	JAPAN			
	AN	8-150314	06/11/96	JAPAN w/English Abstract			
	AO	7-251063	10/03/95	JAPAN w/English Abstract			
	AP	5-184919	07/27/93	JAPAN w/English Abstract			
	AQ	6-269628	09/27/94	JAPAN w/English Abstract			
	AR	6-269629	09/27/04	JAPAN w/English Abstract			
	AS	1,020,190	02/16/66	Great Britain			
	AT	0 129 272	12/27/84	EUROPE			
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AU						
	AV						
	AW						
	AX					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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				FILING DATE <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	BA	5,454,988	10/1995	Maeda			
	BB	5,722,258	03/1998	Aitken			
	BC	5,876,638	03/1999	Sunder et al.			
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						
	BM						
	BN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	BO	1 569 828	06/18/80	SWITZERLAND			
	BP	30 48 303	07/08/82	GERMANY			
	BQ	WO 97/44128	11/27/97	WIPO			
	BR	0 501 599	09/02/92	EUROPE			
	BS						
	BT						
	BU						
	BV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	BW						
	BX						
	BY						
	BZ					<input type="checkbox"/> Additional References sheet(s) attached	
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